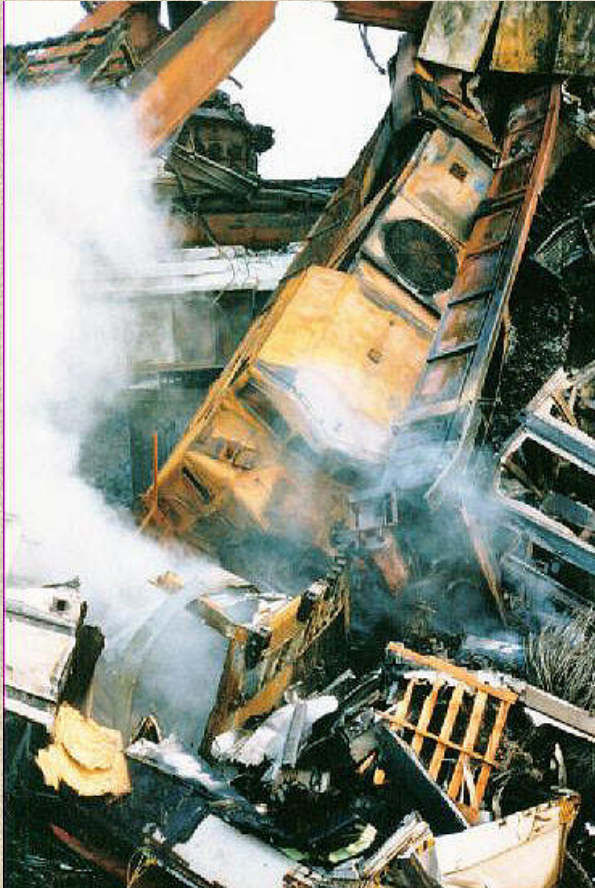
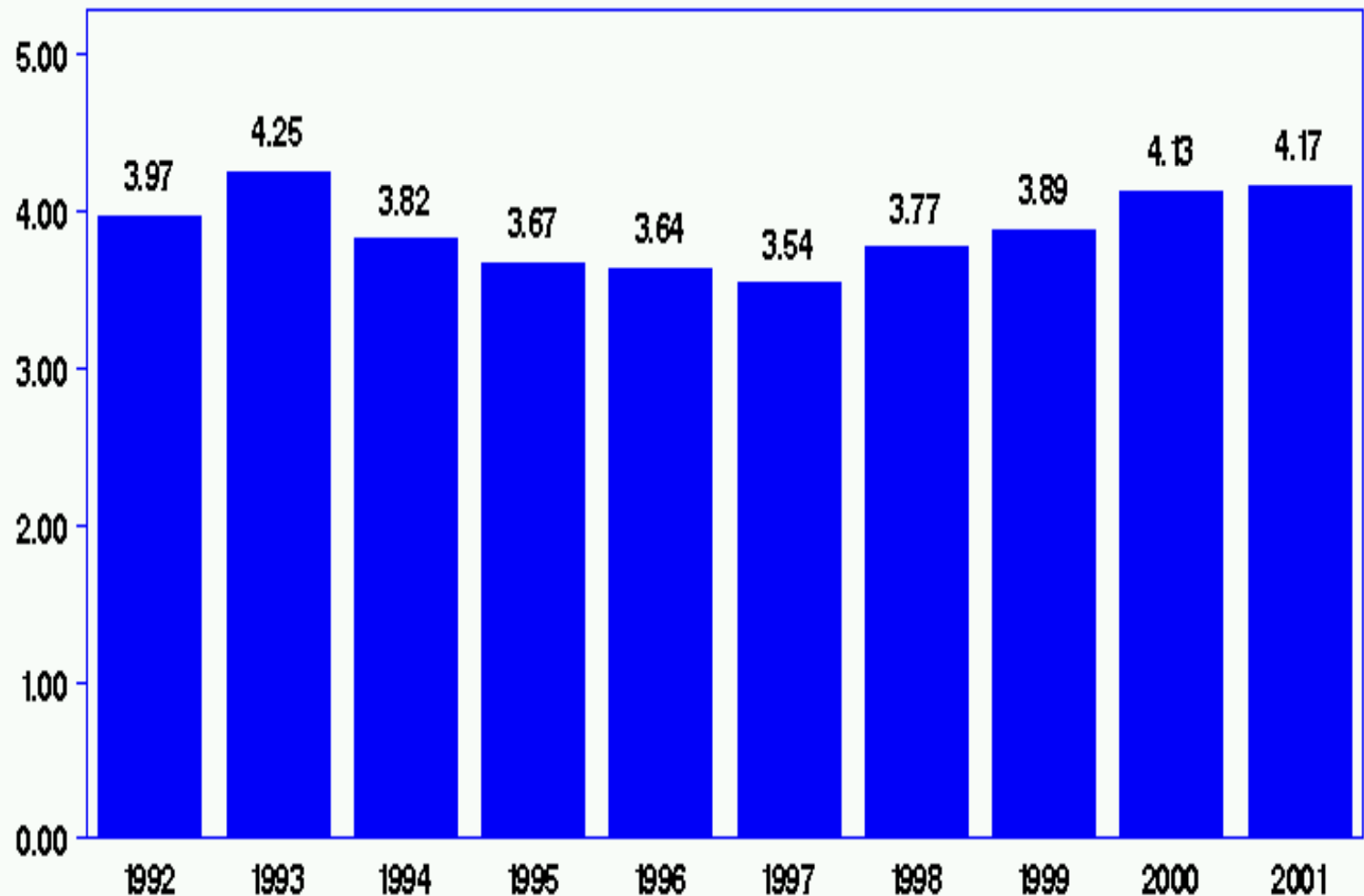


Recent Collision Data



**PTC RSAC Meeting
Colorado Springs, May 2002**

7 - TRAIN ACCIDENT RATE, JAN - DEC (2001 preliminary)



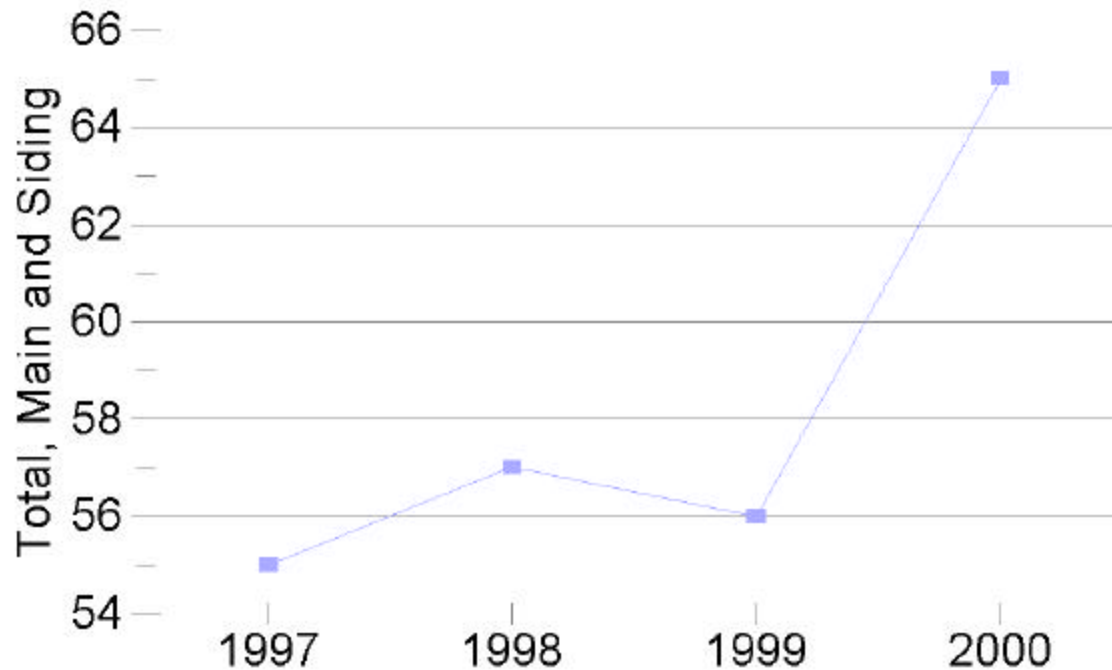
Excludes highway-rail. Number of accidents per 1,000,000 train miles

Date of run: Wed, May 1, 2002

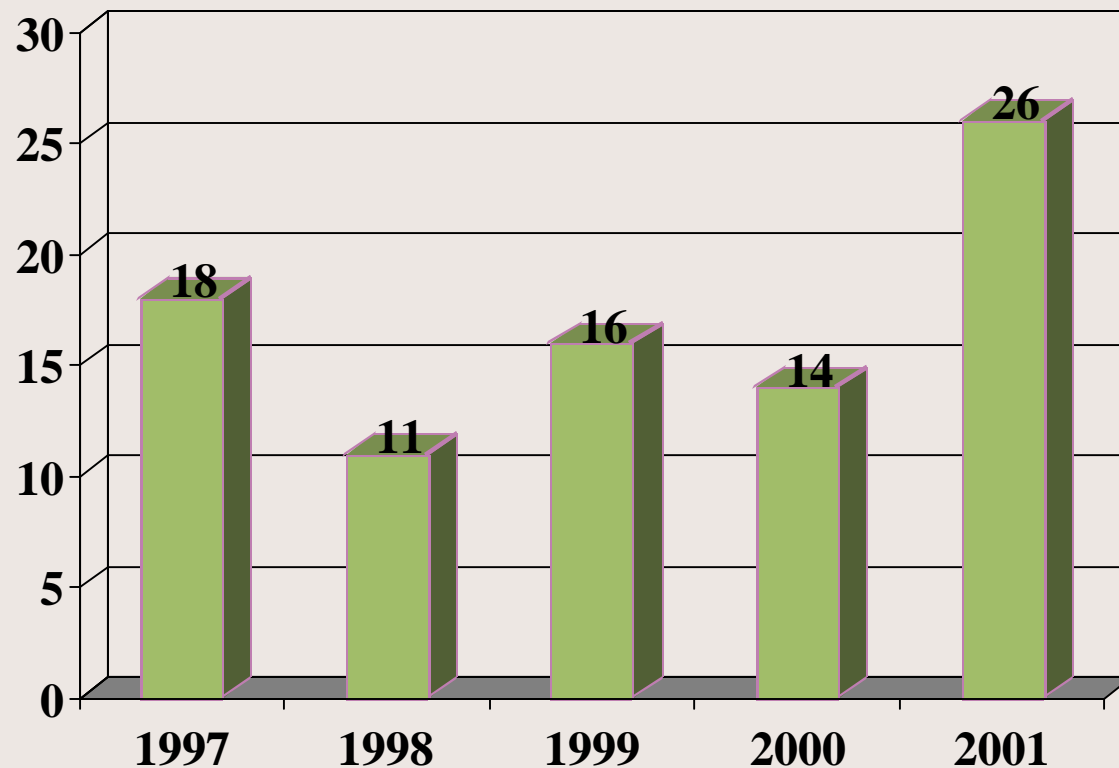
Not Going Away

Collisions, 1997-2000

based on Raw Data



FRA Investigations



Placentia, CA - 4-22-2002

**2 Killed
Over 200 Injured**



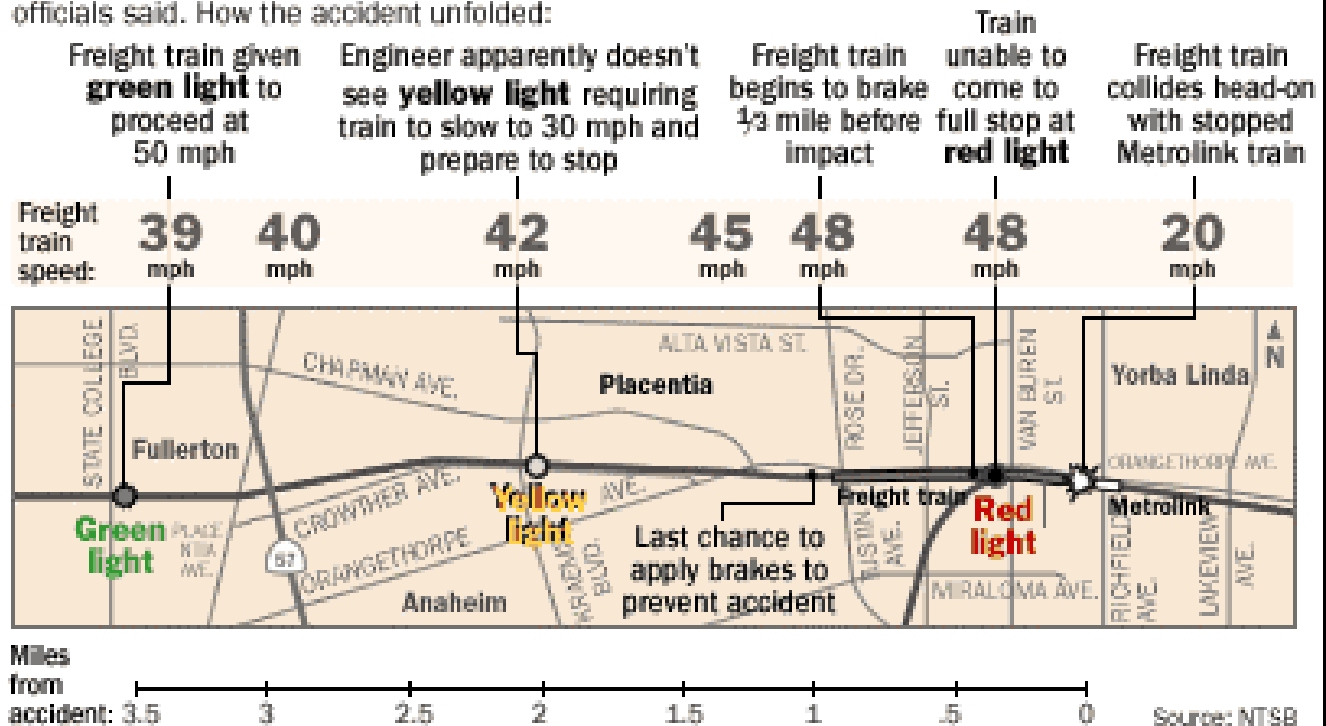
Metrolink & Burlington Northern Santa Fe Accident
April 23rd, 2002
Placentia, California



LA Times

Investigation Focuses on Human Error

The freight train engineer involved in Tuesday's fatal head-on collision with a Metrolink train sped up instead of slowing down at a yellow warning signal, National Transportation Safety Board officials said. How the accident unfolded:



Graphics reporting by BRADY MACDONALD / Los Angeles Times

PAUL D. RODRIGUEZ / Los Angeles Times

Pacific, MO 12/13/2001

- **Impact Speed – 48 m.p.h.**
- **Rear End Collision**
- **Two Serious Injuries, Two Minor**
- **Six Locomotives, 74 Cars derailed**
- **\$ 11 million damage**





Devine, TX 6-2-97

- Closing Speed near 90 m.p.h.
- Head-on Collision
- Two Employees Killed, Two Injuries (One Severe, Two Non-Railroad Persons Killed
- Five Locomotives, Eleven Cars Derailed
- Severe Damage to a Highway Bridge



Glenwood, IA – 8/18/2001

- Impact Speed – 35 m.p.h.
- Rear End Collision
- Two Minor Injuries
- Two Locomotives, Six Cars Derailed



Brookings, SD - 8/26/2000

- Impact Speed – 17 m.p.h.
- Conductor Killed
- Engineer – Left arm amputated, two broken ankles
- One Locomotive Destroyed
- Equipment Damage - \$ 1,768,000



Many More.....



Thank You.....

